

In the Claims

Please amend the claims by adding new claims 28-30.

1-20. (Cancelled)

21. (Previously added) A light source system for on-site analysis of a surface having fingerprints and other latent indicia thereupon comprising:

a) at least one light emitting diode for illuminating said surface for analysis with unfiltered light emitted directly from said diode at a wavelength that will cause a fluorescing dye applied to said surface to emit detectable light from fingerprints or other indicia;

b) a portable mounting for said diode;

c) a portable power source for powering said diode;

d) a lens for detecting the fluorescent light, said lens being worn by a user in the form of goggles or eye glasses.

22. (Previously added) A light source for onsite analysis of surfaces which may have fingerprints or other latent indicia thereupon comprising:

a) at least one light emitting diode which emits unfiltered light at wavelengths which will cause a dye applied to said surface to fluoresce and show the presence of fingerprints or other indicia;

b) a portable power source for said light emitting diode;

c) a personal attachment device on which said light emitting diode is mounted, said device being attachable in a manner to provide hands-free use of said light source.

23. (Previously added) The light source of claim 21 wherein the mounting for the light emitting diode is a personal attachment device.

24. (Previously added) The light source of claim 21 including an array of light emitting diodes, said array comprising between 2 and 100 LEDs.

25. (Previously added) The light source according to claim 22 wherein said attachment device is a head-set with a supporting headband.

26. (Previously added) The light source according to claim 21 wherein said at least one light emitting diode emits light at a wavelength in the range from about 400 nm to about 550 nm.

27. (Previously added) The light source of claim 22 wherein the personal attachment device upon which said diode is mounted is attached in a manner to provide hands-free use of said light source.

28. (New) A method of on-site analysis of a surface having fingerprints and other latent indicia thereon comprising the steps of:

- a) applying a fluorescing dye to the surface to be investigated;
- b) illuminating the surface to which said dye has been applied with unfiltered light emitted directly from at least one light emitting diode at a wavelength that will cause said dye to fluoresce, said diode and its power supply being portably mounted;
- c) detecting reflected, fluorescing light from said surface by viewing said light through a lens that transforms reflected fluorescent light to light visible to the human eye, said viewing being performed hands-free without manually manipulating said lens or said diode.

29. (New) The method of claim 28 including, prior to step (b), the step of attaching at least one light emitting diode that emits light at a wavelength that will cause said dye to fluoresce to a personal attachment device.

30. (New) The method of claim 29 wherein the personal attachment device is a headband and the lens is the viewing lens of goggles or eyeglasses.